

Built for
beauty
with

Briar Hill

GOLDEN TONE SANDSTONE

From the rolling hills of Ohio
comes this beautiful stone...

lovely in its pastel shades, yet with the

inherent strength of the ages...to help
build America's most distinctive homes,

its most imposing churches, schools,
public and commercial buildings.



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ONLY A FEW YEARS AGO, the use of stone such as that produced by Briar Hill was limited largely to the most important projects. Custom cut, it went chiefly into the mammoth residences, the huge cathedrals, the more elaborate college buildings.

Today, modern methods of quarrying and standardization of sizes have expanded the application, and considerably lowered the cost so that Briar Hill Golden Tone Sandstone now is well within the boundaries of modest building budgets.

The answer is Briar Hill Ashlar Veneer, processed to a standard $3\frac{1}{2}$ -inch width and in heights of $2\frac{1}{4}$, 5 and $7\frac{3}{4}$ inches. Strips are furnished in random unjointed lengths. Face and back have a split finish to preserve the natural, rugged stone effect. Sawed top and bottom beds make possible firm, even, quick and easy setting.

Thus, Briar Hill stone arrives on the construction site practically ready to set. Either stonemason or bricklayer has the experience to complete the application. Simple scoring with straight-faced chisel or coping tool, followed by gentle tapping, permits cutting to any desired lengths.

Sooner than you think, your walls of Briar Hill Ashlar Veneer are in place . . . your home, your church, your school graced with a beauty that will live throughout the years.

For the architect, Briar Hill brings a material which better enables him to create distinctive designs that please the most discriminating clients. For the builder, Briar Hill provides an economical means of producing homes of greater charm and ready salability.



Combine Briar Hill stone with any other building materials . . . with wood, with glass, with brick. Use it for complete or partial walls, for decorative chimneys, for patios, fireplaces, garden enclosures, walks and play areas.

You will discover that Briar Hill is most adaptable, most beautiful, most economical . . . the stone that best expresses your best ideas.

Look at the four patterns shown above . . . a quartet of harmonies in Briar Hill Ashlar Veneer.

Use any one of them "as is" . . . or make them a jumping-off place for your own ideas. There are countless combinations, opportunity for you to create whatever you may wish in original treatments of patterns, coursing, mortar joints, color distribution, light and shadow effects.

You may order Briar Hill stone in "run-of-quarry" color range which permits greatest freedom of design. At your request, the more extreme

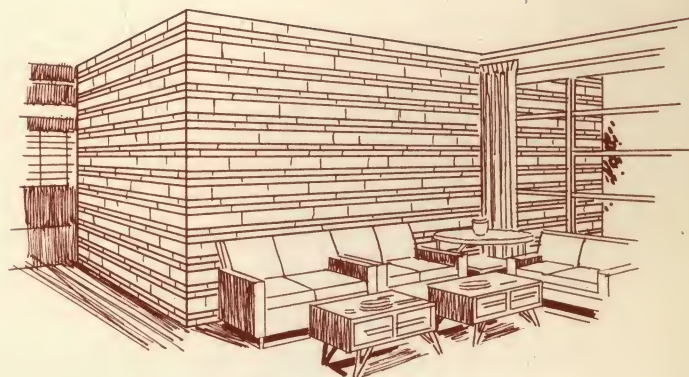
shades may be eliminated. Or, if you choose, select "all buff" or "all gray" shades to obtain the general color tone best suited to your plans.

In most of its applications, Briar Hill Ashlar Veneer is used with the three heights . . . $2\frac{1}{4}$, 5 and $7\frac{3}{4}$ inches . . . in combination. Unless otherwise specified, orders are filled with quantities of each height proportioned to produce either random or coursed walls. However, as demonstrated by accompanying natural color photographs, it is possible to obtain striking effects with combinations of only two heights or use of only a single height.

For the benefit of architects, designers and builders, a helpful advisory service is maintained by a special Briar Hill staff. Any additional information desired is supplied promptly. Or, if you wish to submit blueprints, recommendations and estimates will be furnished without obligation. Address *The Briar Hill Stone Company, Glenmont, Ohio.*

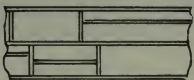
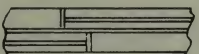
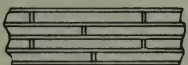


Pictured in natural color at the left is an example of contemporary architecture executed in the 5" and $2\frac{1}{4}$ " heights with tight vertical joints. Illustration below shows how the same stone treatment is extended into the lobby of the building.



Figuring wall coverages of Briar Hill Ashlar Veneer

It is a simple matter to compute the tonnage of Briar Hill Ashlar Veneer required for any building. On the majority of projects, all three standard heights of $2\frac{1}{4}$ inches, 5 inches and $7\frac{3}{4}$ inches are used in combination. Frequently, only the two lesser heights are combined. Occasionally, the entire job is done with the $2\frac{1}{4}$ -inch height.

COURSING PATTERN	Sq. Ft. Wall Per Ton
 <p>16% — $2\frac{1}{4}$" 47% — 5" 37% — $7\frac{3}{4}$"</p> <p>MOST POPULAR PATTERN</p>	45 Sq. Ft.
 <p>2 Heights — $2\frac{1}{4}$" 1 Height — 5"</p>	50 Sq. Ft.
 <p>All $2\frac{1}{4}$"</p>	55 Sq. Ft.

All above coverages are based on use of $\frac{1}{2}$ -inch mortar joints. All sales of Briar Hill Ashlar Veneer are based on the measured ton when loaded at the quarries, since total weight is dependent upon minor variations in widths and moisture content.



Briar Hill Ashlar Veneer is suitable for use on building fronts, for fireplaces, inside walls, garden walls, chimneys, barbecue pits, gate posts, patios and modern construction of all kinds. A helpful advisory service is maintained by a special Briar Hill staff. Address requests to the Briar Hill Stone Company, Glenmont, Ohio.

Briar Hill

GOLDEN TONE SANDSTONE

THE BRIAR HILL STONE COMPANY

GLENMONT, OHIO

TELEPHONE MILLERSBURG, OHIO — 475 or 495

Standard Specifications

Stone wall facing shall be Briar Hill Split Face Ashlar Veneer as furnished by The Briar Hill Stone Company, Glenmont, Ohio. This stone shall be furnished in random length strips, unjointed, with sawed beds in heights of $2\frac{1}{4}$, 5 and $7\frac{3}{4}$ inches, and with split face and back to approximately $3\frac{1}{2}$ -inch widths. (Note: Heights of $10\frac{1}{2}$ inches also may be specified for large scale projects, but these strips are split to a minimum width of $4\frac{1}{2}$ inches.)

Corners, jambs and bond stones can be furnished 6 to 8 inches wide if required. (Specify.)

Color range shall be (run of quarry) (lighter shades) as approved by the architect.

Setting (Masonry back-up) Ashlar shall be laid in (random) (coursed random) (coursed) patterns as shown on Briar Hill standard jointing layout with modifications as required by the architect. Mortar joints shall be $\frac{1}{2}$ inch and each stone shall be laid in a full bed of mortar *with end joints completely filled*. Mortar shall be equal to Type B, as per American Standard Association requirements, consisting of one part Portland cement, one part hydrated lime, and six parts sand by volume; or may be Brixment, Medusa Stoneset, or other prepared mortar mixed according to the manufacturer's directions and as approved by the architect. Stone shall be thoroughly saturated with water just prior to setting.

All stonework shall be properly bonded to back-up material either with bond stones or by the use of galvanized steel wall ties.

All facing stone shall be back-plastered with a coat of waterproofed mortar not less than $\frac{1}{2}$ inch thick before the masonry backing is built. (Parging shall attain initial set before backing is laid.)

However, if masonry back-up wall is laid first, parge face of this wall adjacent to facing stone before laying stone.

Stonework shall be cleaned down after completion, using clear water and bristle brushes. Where necessary, stone shall be washed free of dirt prior to setting, using a mild detergent, *but under no circumstances shall acid be used*. All mortar droppings adhering to stone shall be immediately removed. The stone shall be sponged free of mortar along the joints as the work progresses.

Setting (Frame construction) Use the foregoing specification but omit reference to bond stone and parging back of stonework. A moisture barrier should be applied to wall sheathing before stone is laid.

Technical Data Briar Hill Golden Tone Sandstone is known geologically as the Massillon Sandstone and has established an enviable record for beauty and durability in many types of buildings over the last 100 years. The stone is medium to coarse-grained and is composed mostly of quartz with iron oxide, minerals and secondary silica comprising the cementing materials. The crushing strength ranges from 4000 to 6000 pounds per square inch and absorption is 6 per cent by volume. Chemical analysis is as follows:

Silicon Dioxide	95.00%	Calcium Oxide	.30%
Aluminum Oxide	2.75%	Magnesium Oxide	.25%
Iron Oxide	.60%	Loss in Ignition	1.10%

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